

CLAIMS

1. A mobile printer, comprising:

5        a printing mechanism for printing on a plurality of sizes of papers and sheet medias;

      an enclosure in which the printing mechanism is disposed;

10      a hinged cover attached to the top rear of the enclosure and providing for access of said plurality of sizes of 10 papers and sheet medias to be input from the top to said printing mechanism;

15      a hinged door positioned between the hinged cover and the printing mechanism and capable of being flipped up when the hinged cover is open to allow a large sheet of paper from a stack 15 to enter; and

      a slot disposed in the hinged door and providing for a limitation of the size and position that small photo paper can enter the printing mechanism when the hinged door is flipped down.

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2. The printer of claim 1, further comprising:

      a fixed right-side guide attached underneath the hinged cover and that provides a reference right-edge to align said large sheet of paper from said stack while entering.

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3. The printer of claim 1, further comprising:

      an adjustable left-side guide attached underneath the hinged door and that provides a reference left-edge to align said large sheet of paper from said stack while entering.

4. The printer of claim 2, wherein:

the slot is offset on its right to the left of the fixed right-side guide position.

5 5. The printer of claim 1, wherein:

the hinged cover serves as both a paper sheet stacking tray in its open position and an enclosure cover in its closed position.

10 6. The printer of claim 1, further comprising:

a pair of curling lifts positioned after the printing mechanism and providing for an edge curling of said large sheet of paper that enables a cantilevering during print job output, wherein smudging of still-wet inks on previous sheets output is  
15 reduced.

7. The printer of claim 1, further comprising:

an articulation between the curling lifts and the hinged door that retracts the curling lifts when the hinged door  
20 is in its closed position for receiving small photo papers, wherein a heavier stock photo paper is prevented from binding during its passage through the printing mechanism.

8. A method for printing various sizes of papers in a  
25 printer, comprising:

providing a printing mechanism for printing on a plurality of sizes of papers and sheet medias;  
disposing said printing mechanism inside an enclosure;

attaching a hinged cover to the top rear of said enclosure and providing for access of said plurality of sizes of papers and sheet medias to be input from the top to said printing mechanism;

- 5           positioning a hinged door between said hinged cover and printing mechanism for being flipped up when the hinged cover is open to allow a large sheet of paper from a stack to enter; and  
              disposing a slot in the hinged door to provide for a limitation of the size and position that a small photo paper can
- 10          enter said printing mechanism when said hinged door is flipped down.